

Pt. 63, Subpt. JJJ, Table 3

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TABLE 3 TO SUBPART JJJ OF PART 63—GROUP 1 STORAGE VESSELS AT EXISTING AFFECTED SOURCES PRODUCING THE LISTED THERMOPLASTICS

Thermoplastic	Chemical ^a	Vessel capacity (cubic meters)	Vapor pressure ^b (kilopascals)
ASA/AMSAN ^c	styrene/acrylonitrile mixture	≥3.78	≥0.47
	acrylonitrile	≥75.7	≥1.62
Polystyrene, continuous processes	all chemicals	<75.7	≥14.2
		≥75.7	
Nitrile ^c	acrylonitrile	≥13.25	≥1.9
			≥1.8

^a Vessel capacity and vapor pressure criteria are specific to the listed chemical or to “all chemicals,” as indicated.

^b Maximum true vapor pressure of total organic HAP at storage temperature.

^c The applicability criteria in Table 2 of this subpart shall be used for chemicals not specifically listed in this table (i.e., Table 3).

[64 FR 11553, Mar. 9, 1999]

TABLE 4 TO SUBPART JJJ OF PART 63—GROUP 1 STORAGE VESSELS AT NEW AFFECTED SOURCES

Vessel capacity (cubic meters)	Vapor pressure ^a (kilopascals)
38 ≤capacity <151	≥13.1
151 ≤capacity	≥0.7

^a Maximum true vapor pressure of total organic HAP at storage temperature.

TABLE 5 TO SUBPART JJJ OF PART 63—GROUP 1 STORAGE VESSELS AT NEW AFFECTED SOURCES PRODUCING THE LISTED THERMOPLASTICS

Thermoplastic	Chemical ^a	Vessel capacity (cubic meters)	Vapor pressure ^b (kilopascals)
ASA/AMSAN ^c	Styrene/ acrylonitrile mixture	≥3.78	≥0.47
	Acrylonitrile	≥75.7	≥1.62
SAN, continuous ^d	All chemicals	≥2,271	≥0.5 and <0.7
		<151	≥10
		≥151	≥0.7
Nitrile ^c	Acrylonitrile	≥13.25	≥1.8
Polystyrene, continuous processes	All chemicals	≥19.6 and <45.4	≥7.48
		≥45.4 and <109.8	≥0.61
		≥109.8	≥0.53
ABS, continuous mass	Styrene	≥45.43	≥0.078
	All other chemicals	≥38 and <45.43	≥13.1
		≥45.43	≥0.53

^a Vessel capacity and vapor pressure criteria are specific to the listed chemical, to “all chemicals,” or to “all other chemicals,” as indicated.

^b Maximum true vapor pressure of total organic HAP at storage temperature.

^c The applicability criteria in Table 4 of this subpart shall be used for chemicals not specifically listed in this table (i.e., Table 5).

^d The control level for the first two sets of applicability criteria are specified in 63.1314 as 90% and 98%, respectively. The control level for the third set of applicability criteria is the HON control level of 95%.

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TABLE 6 TO SUBPART JJJ OF PART 63—KNOWN ORGANIC HAP EMITTED FROM THE PRODUCTION OF THERMOPLASTIC PRODUCTS

Thermoplastic product/Sub-category	Organic HAP/chemical name (CAS No.)							
	Acet-aldehyde (75–07–0)	Acrylonitrile (107–13–1)	1,3 Butadiene (106–99–0)	1,4-Dioxane (123–91–1)	Ethylene Glycol (107–21–1)	Methanol (67–56–1)	Methyl methacrylate (80–62–6)	Styrene (100–42–5)
ABS latex		✓	✓					✓
ABS using a batch emulsion process		✓	✓					✓